

Title (en)

Pleated charged media air filter.

Title (de)

Luftfilter mit aufgeladenem, plissiertem Medium.

Title (fr)

Filtre à air à matière chargée plissée.

Publication

EP 0332282 A2 19890913 (EN)

Application

EP 89200614 A 19890310

Priority

CA 561231 A 19880311

Abstract (en)

An electrostatic air filtration system of the charged media type wherein contact between the filter media and the electrostatic charging media of the filter is minimized or eliminated to increase the efficiency of the filter. The fibrous filter media is either corrugated to minimize its contact with the charging media or separated from the charging media by nonconductive spacers. This dramatically increases the efficiency of the filter by reducing the voltage drop on the charged media caused by conduction across a filter medium in close contact with both a charged and a grounded medium.

IPC 1-7

B03C 3/14

IPC 8 full level

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CPC (source: EP US)

B03C 3/155 (2013.01 - EP US); **B03C 3/32** (2013.01 - EP US)

Cited by

IT201600105849A1; US5376168A; US5405434A; EP1038568A1; FR2791275A1; EP0443254A1; US5143524A; US11617978B2; WO2018073806A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0332282 A2 19890913; **EP 0332282 A3 19901205**; AU 3123489 A 19890914; AU 616740 B2 19911107; CA 1319624 C 19930629; JP 2856282 B2 19990210; JP H01307463 A 19891212; US 4978372 A 19901218

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